



The Canine Rehabilitation Therapist

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Prerequisites: This 6-day course is open to veterinarians and physical therapists that have successfully completed **Introduction to Canine Rehabilitation**, and to veterinarians and physical therapists certified as Canine Rehabilitation Practitioners (CCRP).

Classes are held each day from 8:00 am to 5:00 pm in Colorado, and from 9:00 am to 6:00 pm in Florida. There is a 1-hour break for lunch. At the end of DAY 6, students are given an open-book, take-home final exam that they have 30 days to complete. Collaboration with fellow classmates is encouraged.

LEARNING OBJECTIVES:

1. Demonstrate the ability to perform a rehabilitation assessment of the canine patient including posture, function, strength, gait, palpation, passive range of motion, flexibility, joint play and special tests.
2. Thoroughly understand the anatomy, biomechanics, and physiology of normal and abnormal tissues.
3. Demonstrate the ability to develop a problem list, rehabilitation diagnosis, and treatment plan for a wide variety of common musculoskeletal problems.
4. Thoroughly understand the basic layout and function of the components of the canine nervous system, and the role each plays in locomotion and rehabilitation.
5. Describe and demonstrate applying neurological rehabilitation techniques, including neurophysiologic facilitation techniques to canine rehabilitation patients with locomotion pathologies.
6. Describe and demonstrate a canine neurologic examination looking specifically at limb and spinal cord-related functions

7. Describe and demonstrate the purpose, parameters, and contraindications of therapeutic modalities including laser, electrical stimulation, ultrasound, pulsed electromagnetic therapy, and dry cold compression.
8. Describe and demonstrate the purpose, application and contraindications of manual therapy treatments including range of motion, soft tissue mobilizations, stretching, and joint mobilizations.
9. Develop anatomically accurate therapeutic exercise programs including frequency, intensity, and duration of weight-bearing, strength and balance exercises.
10. Critically analyze treatment interventions and modify as needed.
11. Identify and utilize outcome measures.

COURSE SCHEDULE:

DAY 1

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| • Introductions | 0.75 hour |
| • Introduction to the Canine Rehabilitation Therapist | 0.75 hour |
| • Posture | 0.75 hour |
| • Function | 0.50 hour |
| • Strength | 0.50 hour |
| • Gait | 0.25 hour |
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| • LUNCH | 1.00 hour |
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| • Lab 1: Front Leg Boney and Soft Tissue Anatomy | 1.00 hour |
| • PROM/End Feel/Goniometry – Front Leg | 1.00 hour |
| • Lab 2-3: PROM/End Feel/Goniometry – Front Leg | 1.50 hours |
| • Lab 2-3: Flexibility – Front Leg | |
| • Problem List/Assessments | 1.00 hour |

DAY 2

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| • Questions | 0.25 hour |
| • Lab 1: Joint Play/Special Tests | 0.75 hour |
| • Lab 1-2: Joint Play – Front Leg | 1.50 hours |
| • Front Limb Cases (large group problem list/assessment) | 0.50 hour |
| • Lab 3: Hind Leg Boney and Soft Tissue Anatomy | 0.75 hour |
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| • LUNCH | 1.00 hour |
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| • Soft Tissue Assessment | 0.75 hour |
| • Lab 4-5: PROM/End Feel – Hind Leg | 1.50 hours |
| • Lab 4-5: Flexibility – Hind Leg/Soft Tissue Assessments | |

- Lab 6-7: Joint Play – Hind Leg 1.25 hours
- Lab 6-7: Special Tests – Hind Leg/Clear Lumbar Spine
- Hind Limb Case Studies (small group problem list/assessment) 0.75 hour

DAY 3

- Questions 0.25 hour
- Lab 1: C Spine Assessment 0.50 hour
- C Spine Cases (small group problem list/Assessment) 0.75 hour
- Lab 2-3: T-L Spine Assessment 1.25 hours
- Lab 2-3: Pelvis/Tail Assessment
- T-L Pelvis Case Studies (Problem List/Assessment) 1.00 hour
- LUNCH 1.00 hour
- Common Injuries by Tissue Type 0.75 hour
- Introduction to Treatment 0.75 hour
- Modalities/Case Studies 1.75 hours
- Lab 4: Modalities 1.00 hour

DAY 4

- Questions 0.25 hour
- Front Leg Disorders 1.00 hour
- Hind Leg Disorders 1.00 hour
- Joint Mobility Therapy -- Front Leg 1.00 hour
- Lab 1-2: Joint Mobility Therapy – Front Leg 1.00 hour
- Lab 1-2: Joint Mobility Therapy – Hind Leg
- LUNCH 1.00 hour
- Soft Tissue and Flex Tx 0.75 hour
- Lab 3-4: Soft Tissue Tx 1.00 hour
- Lab 3-4: Stretching – Front Leg/Hind Leg – Tx
- Lab 5-6: Joint Mobility – C Spine 2.0 hours
- Lab 5-6: Joint Mobility – T-L, Pelvis

DAY 5

- Questions 0.25 hour
- Therapeutic Exercise 1.00 hour
- Aquatics 1.00 hour
- Lab 1: New Discussion Lab – TherEx treatment plan 1.00 hour
(4 small groups 35 minutes; 25 minutes large group; break 15 minutes)
- Lab 2: Therapeutic Exercise 1.25 hours

- LUNCH 1.00 hour
- Lab 3: Compete Treatment Plan – 3 Cases 3.50 hours

DAY 6

- Neuro-rehabilitation Assessment 1.00 hour
- Neuro-rehabilitation Treatment: Philosophies, Theories, Principles and Techniques 2.00 hours
- Neurological Conditions and Their Rehabilitation 1.00 hour
- LUNCH 1.00 hour
- Neuro-rehabilitation Treatment Progression and Home Programs 1.00 hour
- Lab: Assessment and Treatment Techniques 1.00 hour
- Human Research as it Relates to Veterinary Patients 0.50 hour
- Aides and Equipment for Neuro-rehabilitation Patients 0.75 hour
- Case Studies from the PT's Perspective 0.75 hour